

Kun-Che Tsai (蔡坤哲)

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Github: <https://github.com/q40603>

EDUCATION

National Chiao Tung University

Bachelor of Computer Science, expected graduation: June, 2020

Hsinchu, Taiwan

Sept. 2016 – Present

- Relevant courses: Computer Networks, Machine Learning, Data Mining, Parallel Programming, Software Testing
- Undergraduate Thesis : Natural Language Processing Applied In Financial News
- Going to attend the master program of cybersecurity at National Chiao Tung University this year (2020).

The Affiliated Senior High School of National Taiwan Normal University (師大附中)

Student at Advanced Physics Class

Taipei, Taiwan

Sept. 2013 – Jun. 2016

WORK EXPERIENCE

Hewlett Packard Enterprise

Software Engineer Intern

Taipei, Taiwan

Jul. 2019 – Present

- Develop a website tool for Integration team to manage product testing records.
- Assist in managing server testing platform with Perl, Python

Umbo Computer Vision

QA Engineer Intern

Taipei, Taiwan

Feb. 2019 – Jun. 2019

- Develop an accounting system for accountants to manage all customers' contracts and real-time product status.
- Write automation testing script with Python, shell script to do product software testing

ACADEMIC EXPERIENCE

NCTU Financial Engineering Lab

Part-time Research Assistant

Hsinchu, Taiwan

Jul. 2018 - present

- Assist in the implementation of real time portfolio recommender system aiming at detecting the structure break of stock market and developing new trading strategies.

Academia Sinica (中研院) CFDA & CLIP Lab

Summer Intern

Taipei, Taiwan

Jun.2018 – Sept. 2018

- Assist in the implementation of a financial report knowledge analysis system aiming at tagging effective entities of sentence by structure prediction and visualizing results by an interactive user-friendly website.
- Implement machine learning algorithms to do financial sentiment analysis.

EXTRACURRICULAR ACTIVITIES

New Taipei City Computer Association

16th trainee at ITSEED Training Program (資訊種子培訓計畫)

Taipei, Taiwan

Sept. 2018 – Aug. 2019

- Participate 6 projects within a year, which requires the skills like Design Thinking, Marketing, Search Engine Optimization

SKILLS

Programming Related

- JavaScript, Vue.js, HTML, CSS, MongoDB, MySQL, C++, Python

Fluent in English

- TOEFL (91)

PUBLICATIONS

Conference Paper

- C.-H. Du, Y.-S. Chiang*, K.-C. Tsai*, L.-C. Liu, M.-F. Tsai, and C.-J. Wang. "FRIDAYS: A Financial Risk Information Detecting and Analyzing System." Presented at the 33rd AAAI Conference on Artificial Intelligence (AAAI'19), 2019.(top conference in artificial intelligence, demo paper, * indicates equal contributions, <https://cfda.csie.org/FRIDAYS/>)